

APPLICANT'S ART CITATION  (Use several sheets if necessary)	Application Not Yet Known	OGFS File No. P/2526-22 Reissue
	Applicant Philip DOMENICO	
	Filing Date Herewith	Group Art Unit -- <u>1614</u>

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number							Date	Name	Class	Sub-class	Filing Date If Appropriate
PS	4	4	7	4	7	6	0	10/02/84	Hill	424	174	
PS	2	8	0	9	9	7	1	10/15/97	Bernstein et al.	260	270	
PS	3	5	8	3	9	9	9	06/08/71	Damico	260	294.8	
PS	3	7	5	3	9	9	0	08/21/73	Curry	260	270	
PS	3	7	7	3	7	7	0	11/20/73	Damico	260	290	
PS	3	8	3	3	5	6	5	09/03/74	Curry	260	270	
PS	3	8	5	2	4	4	1	12/03/74	Kooistra	424	245	
PS	3	8	9	0	2	4	2	06/17/75	Curry	252	107	

## FOREIGN PATENT DOCUMENTS

	Document Number							Date	Country	Class	Sub-class	Translation	
												Yes	No
PS	9	4	1	2	0	3	4	06/09/94	WIPO				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PS	1	N. Burford et al., "Anti-Helicobacter Pylori Properties of New Bismuth Compounds," Digestive Disease Week and the 95th Ann. Mtg. of the American Gastroenterological Association, May 15-18, 1994, New Orleans, Louisiana; Supplement to Gastroenterology 06(4):A59 (1994)
PS	2	R. Diemer et al., "Preparation and Characterization of Biologically Active Bismuth (III) Tropolonato Complexes," Chem. Ber. 128:335-342 (1995).
PS	3	E.A.H. Friedheim, "Dimercapto Derivatives of Metal-Containing Compounds," Chemical Abstract Vol. 49, Abstract at column 12530 (1955).
PS	4	E.A.H. Friedheim, "Heterocyclic Organometallic Compounds," Chemical Abstract Vol. 49, Abstract at column 1815 (1955).
PS	5	E.A.H. Friedheim, "Therapeutically Active Bismuth Organic Compounds," Chemical Abstract Vol. 49, Abstract at column 15946 (1955).

Examiner P. Spivack Date Considered 2/11/01

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PS	4	3	7	4	8	2	5	02/22/83	Bolich, Jr. et al.	424	70	
PS	4	5	2	4	1	1	0	06/18/85	Heeres et al.	428	537.1	
PS	4	9	6	3	3	4	4	10/16/90	Gries et al.	424	9	
PS	5	1	0	4	6	4	5	04/14/92	Cardin et al.	424	70	
PS	5	5	4	1	2	3	3	07/30/96	Roenigk	521	54	
PS	5	5	9	3	6	7	0	01/14/97	Trinh et al.	424	76.1	
PS	5	5	9	6	1	0	2	01/21/97	Austin	548	101	
PS	5	6	0	5	6	8	1	02/25/97	Trandai et al.	424	6	
PS	5	6	2	4	6	6	6	04/29/97	Coffindaffer et al.	424	70.21	
PS	5	6	4	3	9	7	1	07/01/97	Roenigk	523	122	

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						Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PS	6	R. LaBlanc et al., "The Efficacy of Novel Bismuth (Bi) Compounds in Healing Gastric Ulceration in the Rat Varies with Chemical Structure: Implications for Helicobacter Pylor (HP) Treatment," AGA Abstracts, Gastroenterology 108(4):A860 (1995).
PS	7	P. Powell, "Some Dithiolato-Derivatives, and Theoretical Chemistry," J. Chem. Soc. (A) 11:2587-2588 (1968).
PS	8	W. Beil et al., Pharmacology 50:333-337 (1995).
PS	9	D.W. Bierer, Rev. Infect. Dis. 12(1):S3-S8 (1990).
PS	10	D. Chaleil et al., J. Inorg. Biochem. 15:213-221 (1981).
PS	11	N.A. Cornick et al., Rev. Infec. Dis. 12(1):S9-S10 (1990).

Examiner P. ApivackDate Considered 2/11/01

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

PS	12	J.S. Dixon, Scand. J. Gastroenterol. 30(212):48-62 (1995).
PS	13	P. Domenico et al., J. Antimicrob. Chemo. 28:801-810 (1991).
PS	14	P. Domenico et al., Infection 20(2):18/66-23/71 (1992).
PS	15	P. Domenico et al., Eur. J. Clin. Microbiol. Infect. Dis. 11:170-175 (1992).
PS	16	P. Domenico, "Comparative Antibacterial Properties of Bismuth-Dimercaprol and Chlorhexidine," 95th Gen'l. Meeting Amer. Soc. Microbiol., Washington, D.C. (5/95).
PS	17	P. Domenico et al., "Bismuth-Dimercaprol Activity Against Multiply Resistant Gram-Positive Bacteria," Clin. Res. Meeting, Abstract (5/95).

Examiner Phyllis Spivack Date Considered 2/1/01

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						Yes	No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

PS	18	P. Domenico et al., "In vitro Antifungal Activities of BisBAL and BisME, Two Thiol-Chelated Bismuth Compounds, 36th ICAAC, Abstract F188 (9/96).
PS	19	P. Domenico et al., "Efficacy/Toxicity of Bismuth-Dimercaprol in a Burn Wound Sepsis Model," 96th ASM General Meeting, Abstract A10 (5/96).
PS	20	P. Domenico et al., "Antimicrobial Activity of the Bismuth-Thiol Chelates, BisBAL and BisME," Clin. Res. 44:332A, Abstract (1996).
PS	21	P. Domenico et al., Annals of N.Y. Acad. Sci. 797:269-270 (1996).
PS	22	P. Domenico et al., Antimicrob. Agents and Chemo. 38(6):1031-1040 (1997).
PS	23	P. Domenico et al., Antimicrob. Agents and Chemo. 41(8):1697-1703 (1997).

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						Yes	No
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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

PS	24	P. Domenico et al., "Potentiation of Bismuth Antibacterial Activity by Thiol Chelators," 97th ASM Gen'l. Meeting, Florida, Official Abstract Form & Abstract A-43 (5/97).
PS	25	B.E. Douglas et al., Concepts and Models of Inorganic Chem., 3rd Ed. pp. 463-465 1994).
PS	26	H.L. DuPont et al., New Eng. J. Med. 328:1821-1827 (1993).
PS	27	D. Figueroa-Quintanilla et al., New Eng. J. Med. 328(23):1653-1658 (1993).
PS	28	S.L. Gorbach et al., Reviews of Infec. Dis. 12(1):S21-S23 (1990).
PS	29	Gould et al., "Activity of the Novel Compounds BisBAL and BisME Against <i>Burkholderia cepacia</i> ," 36th ICAAC, Louisiana, Abstract F246 (1996).

Examiner P. Spivack

### Date Considered

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#### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PS	30	D.Y. Graham et al., Ann. Intern. Med. 115:266-269 (1991).
PS	31	D.Y. Graham et al., Gastroenterol. 102:493-496 (1992).
PS	32	W. Hespe et al., Gastroenterol. 104(4):1242-1243 (1993).
PS	33	R. Husseini et al., Microbios 29(116):109-125 (1980).
PS	34	R. Iffland, "Bismuth" in <u>Metals in Clinical and Analytical Chemistry</u> , Marcel Dekker, Inc. Chap. 21, pp. 269-281 (1994).
PS	35	T. Klapötke, Biol. Metals 1:69-76 (1988).

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

PS	36	M.D. Manhart, Reviews of Infec. Dis. 12(1):S11-S15 (1990).
PS	37	B.J. Marshall, Reviews of Infec. Dis. 12(1):S87-S93 (1990).
PS	38	Molina et al., Acta. Neurol. Scand. 79:200-203 (1989).
PS	39	Molina et al., Med. Clínicas 93(1):20-22 (1989).
PS	40	G.L. Newton et al., Methods of Enzymology, vol. 251, pp. 148-166, Academic Press (1995).
PS	41	P-M Roy et al. The Lancet 344:1708 (1994)

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PS	42	K.W. Shea et al., "Vancomycin Resistant Enterococci (VRE) Colonization in an Outpatient Hemodialysis (HD) Unit," 6th Ann. Mtg. of the Soc. for Healthcare Epidemiology of America, Official Abstract Form (4/96).
PS	43	A. Slikkerveer et al., Med. Toxicol. Adverse Drug. Exp. 4(5):303-323 (1989).
PS	44	A.P.R. Wilson, The Lancet 344:1313-1314 (1994).
PS	45	"The Pharmacological Basis of Therapeutics, Heavy Metal Antagonists, Halogens and Halogen-Containing Compounds," 7th Ed., Goodman & Gilman, pp. 963-964 and 1621-1622 (1985).
PS	46	P. Domenico & B.A. Cunha, "Synergistic Inhibitory Effects of Bismuth and Demercaprol Against Gram-Negative Bacteria," April 26, 1994, 6th International Congress for Infectious Disease, Prague, Czech Republic.
PS	47	P. Domenico & B.A. Cunha, "Mechanism of Bismuth-Dimercaprol Antimicrobial Synergy," October 1994, 34th ICAAC, Orlando, Florida.

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PS	48	Meta-Analysis of the Efficacy of Antibiotic Therapy in Eradicating Helicobacter pylori, Naoki Chiba, M.D.; Babu V. Rao, M.D.; Johan W. Rademaker, M.D.; and Richard H. Hunt, M.D.; The American Journal of Gastroenterology, Vol. 87, No. 12, 1992, pages 1716-1727.
PS	49	Studies on the Mechanism of Action of Colloidal Bismuth Subcitrate (1. Interaction with Sulfhydryls); W. Beil, S. Bierbaum, K.-F. Sewing; Pharmacology, 1993; 47:135-40.
PS	50	Studies on the Mechanism of Action of Colloidal Bismuth Subcitrate (2. Interaction with Pepsin); W. Beil, S. Bierbaum, K.-F. Sewing; Pharmacology, 1993; 47:141-144.
PS	51	Colloidal Bismuth Subcitrate: A Review of its Pharmacodynamic and Pharmacokinetic Properties, and Its Therapeutic Use in Peptic Ulcer Disease; Antonia J. Wagstaff, Paul Benfield and Jon P. Monk; Drugs 36: 132-157 (1988).
	52	The Pharmacological Basis of Therapeutics, Heavy Metal Antagonists, Halogens and Halogen-Containing Compounds, 7th Ed., 1985, Goodman & Gilman, pages 963 and 1621-1622. <i>duplicate</i>

Examiner <i>P. Amwack</i>	Date Considered <i>2/11/01</i>
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